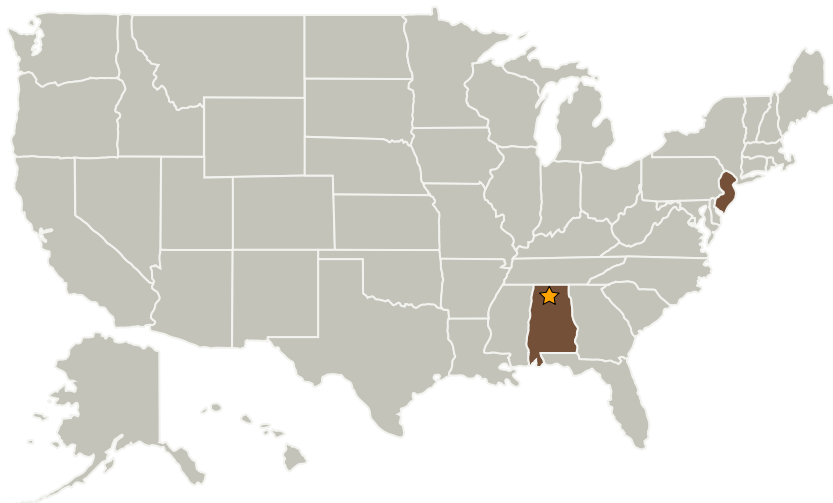


# Development of Ultra-smooth Diamond Tooling for Machining Lightweight Mirrors, Phase I

Completed Technology Project (2002 - 2003)



## Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ Marshall Space Flight Center (MSFC)	Lead Organization	NASA Center	Huntsville, Alabama
Diamond Materials, Inc.	Supporting Organization	Industry Small Disadvantaged Business (SDB)	East Stroudsburg, Pennsylvania

### Primary U.S. Work Locations

Alabama	New Jersey
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Development of Ultra-smooth  
Diamond Tooling for Machining  
Lightweight Mirrors, Phase I

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## Organizational Responsibility

### Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

### Lead Center / Facility:

Marshall Space Flight Center (MSFC)

### Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

# Development of Ultra-smooth Diamond Tooling for Machining Lightweight Mirrors, Phase I

Completed Technology Project (2002 - 2003)



## Project Management

**Program Director:**

Jason L Kessler

**Program Manager:**

Carlos Torrez

**Principal Investigator:**

Oleg A Voronov

## Technology Areas

**Primary:**

- TX06 Human Health, Life Support, and Habitation Systems
  - └ TX06.3 Human Health and Performance
    - └ TX06.3.5 Food Production, Processing, and Preservation